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predefined hit display formats
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NEWS 5 APR 28 IMSRESEARCH reloaded with enhancements
NEWS 6 MAY 30 INPAFAMDB now available on STN for patent family
searching
NEWS 7 MAY 30 DGENE, PCTGEN, and USGENE enhanced with new homology
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NEWS 8 JUN 06 EPFULL enhanced with 260,000 English abstracts
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NEWS 16 JUN 30 STN AnaVist enhanced with database content from EPFULL
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NEWS 24 AUG 15 CAPLUS currency for Korean patents enhanced
NEWS 25 AUG 25 CA/CAPLUS, CASREACT, and IFI and USPAT databases
enhanced for more flexible patent number searching
NEWS 26 AUG 27 CAS definition of basic patents expanded to ensure
comprehensive access to substance and sequence
information

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
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=> S (Nishikawa OR Nakagami OR Kaneda) AND VEGF AND pd<=20050317
2 FILES SEARCHED...

L1 2 (NISHIKAWA OR NAKAGAMI OR KANEDA) AND VEGF AND PD<=20050317

=> Dup Rem L1
PROCESSING COMPLETED FOR L1
L2 2 DUP REM L1 (0 DUPLICATES REMOVED)
 ANSWER '1' FROM FILE BIOSIS
 ANSWER '2' FROM FILE CAPLUS

=> D Ibib ABS L2 1-2

L2 ANSWER 1 OF 2 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
ACCESSION NUMBER: 2002:151865 BIOSIS
DOCUMENT NUMBER: PREV200200151865
TITLE: Post-natal CD34+KDR+ cells generate both hematopoietic and endothelial cells in minibulk culture.
AUTHOR(S): Pelosi, Elvira; Valtieri, Mauro [Reprint author]; Sgadari, Cecilia; Coppola, Simona; Testa, Ugo; Peschle, Cesare [Reprint author]
CORPORATE SOURCE: Kimmel Cancer Center, T. Jefferson University, Philadelphia, PA, USA
SOURCE: Blood, (November 16, 2001) Vol. 98, No. 11 Part 2, pp. 124b. print.
Meeting Info.: 43rd Annual Meeting of the American Society of Hematology, Part 2. Orlando, Florida, USA. December 07-11, 2001. American Society of Hematology.
CODEN: BLOOAW. ISSN: 0006-4971.

DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 21 Feb 2002
Last Updated on STN: 26 Feb 2002

AB The functional role of vascular endothelial growth factor receptor 2 (KDR in humans, Flk1 in mice) is well established for endothelial cells. In embryonic life Flk1+ cells give rise to both hematopoietic and endothelial progeny (Nishikawa et al., Development, 1998). In post-natal life the CD34+KDR+ cell subset (ltoreq1.5% of the whole CD34+ population) exhibits hematopoietic stem cell activity (Ziegler et al., Science 1999), and contains endothelial precursors (Peichev et al., Blood, 2000). We have tested the capacity of cord blood CD34+KDR+ cells to generate hematopoietic and endothelial progeny in serum-free liquid suspension cultures. A total of 36 experiments were performed. The sorted CD34+KDR+ cells (KDR1/KDR2 MoAbs, see Botta et al., ASH 2001) were seeded in the culture wells (apprx2,000-4,000 cells/0.2 ml) supplemented with VEGF at saturating level. Control cultures were seeded with CD34+KDR- cells. In all experiments we observed that, after 1-2 wk, all CD34+KDR- cells were dead. Conversely, 30-70% of CD34+KDR+ cells survived (this residual population, composed of small blast cells, is highly-enriched for 12-wk long-term culture initiating cells, see Ziegler et al., Science, 1999). At later culture times, the blast cell population persisted and gradually generated a progeny of larger cells for up to 6 months. The cells were analyzed at sequential culture times by morphology, immunofluorescence, immunohistochemistry and RT-PCR analysis. The small blasts were CD45dim or CD45-, while negative for markers of differentiated hematopoietic and endothelial cells (particularly, CD14 and VW factor/VE-cadherin). The larger cells comprised three cell types: (a) monocytic/dendritic cells (CD45+14+, VW-) at different stages of differentiation/maturation; (b) endothelial cells (CD45-/14-, VW+VE-cadherin+) at sequential stages of development (from small mononucleated to large polynucleated cells); (c) a few, relatively small cells expressing both hematopoietic and endothelial markers, apparently bipotent for both lineages. These studies indicate that the CD34+KDR+ cell population comprises both hematopoietic and endothelial precursors, thus in line with similar results on in vitro differentiation of Flk1+ cells from adult murine bone marrow (Huang et al., Bioch. Bioph. Res. Comm., 1999) Furthermore, we observed that few cells are bipotent for both lineages: further studies were performed to verify whether these cells may hypothetically represent nemoangioblasts (see valtierre et al. Identification of nemoangioblast in post-natal CD34+KDR+ cells", ASH 2001).

L2 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1999:144611 CAPLUS
DOCUMENT NUMBER: 131:86128
TITLE: Vascular endothelial growth factor (VEGF)
likely contributes to oligodendrogloma angiogenesis.
Comments
AUTHOR(S): Christov, C.; Gherardi, R. K.
CORPORATE SOURCE: Department of Pathology (Neuropathology), Hospital
Henri Mondor, Creteil, F-94010, Fr.
SOURCE: Acta Neuropathologica (1999), 97(4), 429-430
CODEN: ANPTAL; ISSN: 0001-6322
PUBLISHER: Springer-Verlag
DOCUMENT TYPE: Journal
LANGUAGE: English

AB A polemic in response to Nishikawa et al. (1998, Acta Neuropathol 96:453) reiterating that vascular endothelial growth factor is involved in vascular-endothelial proliferation in grade III oligodendroglomas.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> S (Nishikawa OR Nakagami OR Kaneda) AND (Treatment (S) Ischem?) AND pd<=20050317
1 FILES SEARCHED...

L3 0 (NISHIKAWA OR NAKAGAMI OR KANEDA) AND (TREATMENT (S) ISCHEM?)
AND PD<=20050317

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1 FILES SEARCHED...

L4 2 (NISHIKAWA OR NAKAGAMI OR KANEDA) AND ANGIOGEN? AND PD<=20050317

=> D Ibib ABS L4 1-2

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1999:144611 CAPLUS

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ACCESSION NUMBER: 2003444071 EMBASE

TITLE: Question and answer sessions with Dr. Shin-Ichi
Nishikawa.

AUTHOR: Negi, Akira, Dr. (correspondence)

CORPORATE SOURCE: Kobe Univ., Kobe, Japan.

AUTHOR: Tamai, Makoto

CORPORATE SOURCE: Tohoku Univ., Sendai, Japan.

AUTHOR: Nishikawa; Noda

SOURCE: Ophthalmologica, (2003) Vol. 217, No. SUPPL. 1,
pp. 43-44.

ISSN: 0030-3755 CODEN: OPHTAD

COUNTRY: Switzerland

DOCUMENT TYPE: Journal; Conference Article; (Conference paper)

FILE SEGMENT: 012 Ophthalmology

LANGUAGE: English

ENTRY DATE: Entered STN: 13 Nov 2003

Last Updated on STN: 13 Nov 2003

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